

ALAN MATHEW VARGHESE

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EDUCATION

TKM College of Engineering Kollam, Kerala, India <ul style="list-style-type: none">B.Tech in Computer Science and Engineering. CGPA: 8.27Undergraduate Coursework: DSA, Operating System, Discrete Mathematics, Database.	2022 - 2026
Christ Central School Thiruvalla, Kerala, India <ul style="list-style-type: none">CBSE 12th grade in Computer Science (94%).Coursework: Fundamentals of programming, Python.	2020 - 2022
Mathews Mar Athanasius Residential School Chengannur, Kerala, India <ul style="list-style-type: none">ICSE 10th grade (97%).	2008 - 2020

EXPERIENCE

- Developed a Game for **National level Techno Cultural Fest, HESTIA'23** at TKM College of Engineering, 2023
- Worked as a designer for **National level Techno Cultural Fest, HESTIA'24** at TKM College of Engineering, 2024
- Worked as a part-time designer for **Invite Invitations**, Kollam
- Attended a workshop on **Self Driving Robot** held at College of Engineering, Chengannur, 2023
- Attended a workshop on **Data Science** as part of **PyWeek** held at TKM College of Engineering, 2024
- Attended **ALL KERALA MATHS FEST, ESPOIR'23** at TKM College of Engineering

PROJECTS

- Balloon Shooter Game with Hand Detection Model** - Balloon Shooter game played using hand gestures which are detected by Hand Detection module. Implemented using Python with Pygame and Open cv and Mediapipe modules. ([GitHub link](#))
- Car Detection Model** - A model developed to identify cars in a video and find the total number of cars in it. Implemented using Python with Open cv and Numpy modules. ([GitHub link](#))
- School Data Management System (2022)** - Data management system with features to handle student and employee details. Implemented using Python and MySQL. ([GitHub link](#))
- Calculator** - A calculator with GUI for basic operations. Implemented using Java. ([GitHub link](#))

LEADERSHIPS

- Design Head** in Executive Committee of CSI, TKM College of Engineering (2023-2024)
- Design Team** in Executive Committee of Coding Club, TKM College of Engineering (2023-2024)
- Design Team** in Executive Committee of ACM, TKM College of Engineering (2023-2024)

TECHNOLOGIES AND SKILLS

- Python, C, Java, MySQL, HTML, CSS
- Photoshop, Blender, After Effects
- Leadership, Problem Solving, Creative Thinking, Independent Learner

LANGUAGES

- English
- Hindi
- Malayalam

HOBBIES

- Chess
- Piano
- Photography